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Punjab Ghar Ghar Rojgar

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ABSTRACT

The Punjab Ghar Rojgar Department is a pivotal entity dedicated to addressing unemployment through various initiatives such as job provision, skill training, counseling, and local services. This research paper explores the department's objectives, projects, challenges, and technological innovations, aiming to shed light on its impact on employment generation in Punjab. Through an in-depth analysis, the paper highlights the significance of the department in creating a framework for wage and self-employment, improving employability through skill enhancement, and identifying areas with employment potential. The research also discusses the challenges faced by the department and the benefits of its initiatives. Moreover, it examines the role of technological advancements such as AI, AR, and digital platforms in enhancing job opportunities and their impact on stakeholders. Overall, this paper provides insights into the Punjab Ghar Ghar Rojgar department's efforts in reshaping the employment landscape and suggests recommendations for future research and policy implementation to further strengthen its impact.

Key Findings: Technological innovations like AI, AR, and digital platforms have the potential to revolutionize the job market and benefit both job seekers and employers. The research also highlights the importance of public-private partnerships in driving employment generation initiatives and suggests avenues for collaboration.

Keywords: Augmented Reality, Digital platforms, Job seekers, Artificial Intelligence, AI tools, Generative AI

1. Introduction

1.1 Background Information on AI and AR

Artificial Intelligence (AI) and Augmented Reality (AR) are two of the most forward-thinking technologies shaping our future. AI refers to the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions. The term may also be applied to any machine that exhibits traits associated with a human mind, such as learning and problem-solving¹.

On the other hand, AR is an interactive experience of a real-world environment where the objects that reside in the real world are enhanced by computergenerated perceptual information. AR can be seen through a variety of devices, including glasses, smartphones, and tablets, overlaying digital content onto the physical world³.

The convergence of AI and AR has unlocked new dimensions of user experiences, propelling businesses into the future. AI's contribution to AR is significant, with machine learning and deep learning algorithms at the heart of this integration. These technologies enable AR systems to recognize and interact with real-world objects, creating dynamic environments that respond to user behavior⁶.

The applications of AI and AR are vast and varied, revolutionizing industries such as gaming, retail, education, and healthcare. In gaming, AR creates immersive experiences that blend the virtual and real worlds. In retail, AR allows customers to visualize products in their own environment, while AI provides personalized recommendations and interactions⁷.

As we continue to explore the potential of AI and AR, it's clear that these technologies will play a crucial role in the evolution of digital interaction and commerce. The research paper will delve deeper into how generative AI uses AR to enhance commercial websites, offering a glimpse into the future of online consumer experiences.



1.2 Importance of generative AI in eCommerce

Generative AI is rapidly becoming a cornerstone of eCommerce, transforming the industry by personalizing the customer experience and streamlining business operations. Here's an exploration of its importance:

- 1. Enhanced Personalization: Generative AI can analyze customer data to create personalized recommendations, product descriptions, and even personalized shopping experiences. This level of personalization can lead to higher customer satisfaction and increased sales.
- Visual Search and Augmented Reality (AR): Generative AI can power visual search and AR applications, allowing customers to see how products would look in their environment before making a purchase. This can reduce the likelihood of returns and increase customer confidence in their purchases.
- 3. Content Creation: Generative AI can assist in creating engaging and relevant content for eCommerce platforms, including product descriptions, blog posts, and social media content. This can help attract and retain customers, ultimately driving sales.
- 4. Inventory Management: Generative AI can analyze sales data and predict future demand, helping eCommerce businesses optimize their inventory levels. This can reduce storage costs and minimize stockouts, improving overall efficiency.
- 5. Chatbots and Customer Service: Generative AI can power chatbots that can handle customer queries and provide personalized assistance. This can improve customer service and reduce the workload on human customer support agents.
- 6. Fraud Detection: Generative AI can be used to detect fraudulent transactions by analyzing patterns and anomalies in customer behavior. This can help eCommerce businesses prevent financial losses due to fraud.

1.3 Objectives of the paper

The objectives of the PGRKAM Society reflect its commitment to addressing unemployment in Punjab by creating a conducive environment for employment, enhancing the employability of the workforce, and strategically identifying and harnessing areas for employment generation.

- Explore the Integration: Creation of necessary framework for wage and self-employment: The primary aim of the Punjab Ghar Ghar Rojgar department is to establish a comprehensive framework that facilitates both wage and self-employment opportunities for the unemployed population of Punjab. This involves creating a conducive environment for individuals to find suitable employment options that align with their skills and interests.
- 2. Improving employability through skill training and up-gradation: Another key objective of the PGRKAM Society is to enhance the employability of the workforce through skill training and up-gradation programs. By providing individuals with the necessary skills and knowledge required in the current job market, the society aims to increase their chances of securing meaningful employment opportunities.

- 3. Identifying and harnessing potential areas for employment generation: The PGRKAM Society is tasked with identifying areas within Punjab that have the potential for employment generation and devising strategies to harness this potential through government intervention. This involves conducting surveys, gathering data, and collaborating with stakeholders to create employment opportunities in these areas.
- 4. Overall, the aims and objectives of the PGRKAM Society reflect its commitment to addressing unemployment in Punjab by creating a conducive environment for employment, enhancing the employability of the workforce, and strategically identifying and harnessing areas for employment generation .Creation of necessary framework for wage and self-employment: The primary aim of the Punjab Ghar Ghar Rojgar department is to establish a comprehensive framework that facilitates both wage and self-employment opportunities for the unemployed population of Punjab. This involves creating a conducive environment for individuals to find suitable employment options that align with their skills and interests.
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2. Technological Innovations

- 1. AI in Job Matching: AI algorithms are used to match job seekers with suitable employment opportunities based on their skills, qualifications, and preferences. This has streamlined the job search process, making it easier for job seekers to find relevant job openings.
- 2. AR for Skill Development: AR technology is used to provide interactive and immersive training experiences for job seekers. This has improved the effectiveness of skill development programs, making them more engaging and impactful.
- 3. Digital Platforms for Job Fairs: Digital platforms are used to organize virtual job fairs, allowing job seekers to connect with employers from anywhere. This has increased the reach of job fairs, leading to more opportunities for job seekers.
- 4. Impact on Job Seekers: These technologies have made it easier for job seekers to find employment opportunities that match their skills and interests. AI and AR have also improved the quality of skill training programs, making job seekers more competitive in the job market.
- 5. Impact on Employers: Employers have benefited from these technologies by gaining access to a larger pool of qualified candidates. AI algorithms help employers identify candidates that are the best fit for their job openings, leading to more successful hires.

Overall, the use of AI, AR, and digital platforms has had a positive impact on employment generation in Punjab. These technologies have improved the efficiency of the job market, making it easier for job seekers to find work and for employers to find qualified candidates.

2.1 Key Algorithms and Models

Generative AI encompasses a variety of algorithms and models, each with its own strengths and applications:

- Generative Adversarial Networks (GANs): Introduced by Ian Goodfellow in 2014, GANs consist of two neural networks—the generator and the discriminator—that are trained simultaneously. The generator creates new data instances, while the discriminator evaluates them against real data. The competition between the two networks drives the improvement of the generated outputs, leading to highly realistic results⁵.
- Variational Autoencoders (VAEs): VAEs are another type of generative model that learns to encode data into a compressed representation and then decode it back into the original form. They are particularly useful for tasks that require a structured latent space, such as image generation and style transfer⁵.
- 3. Autoregressive Models: These models predict future data points in a sequence based on the previous ones. They are commonly used for text generation and time-series prediction.
- 4. Transformers: Originally designed for natural language processing tasks, transformers have shown great promise in generative AI due to their ability to handle long-range dependencies and generate coherent and contextually relevant content.

These key algorithms and models have propelled generative AI forward, enabling it to create content that is increasingly complex, diverse, and realistic. As the field continues to evolve, we can expect to see even more innovative applications and advancements.

3. Augmented Reality in eCommerce

3.1 Basics of AR Technology

Augmented Reality (AR) is a technology that overlays digital information onto the real world, enhancing one's perception of reality. AR works by using a combination of sensors, cameras, and displays to sense the environment, process this information to create a model of the world, and then enhance it with digital content¹². This technology can be experienced through various devices, including smartphones, tablets, and specialized AR glasses¹⁸.

3.3 Benefits of PGRKAM

The initiatives undertaken by the Punjab Ghar Ghar Rojgar department have had a profound impact on employment generation in Punjab, leading to a range of benefits for the society as a whole.

- 1. Reduced Unemployment: The primary focus of the PGRKAM Society is to reduce unemployment rates in Punjab by providing individuals with job opportunities and skill training. By doing so, the society helps in alleviating the financial burden on individuals and families, leading to an overall improvement in the quality of life.
- Skill Development: The skill training programs offered by the society play a crucial role in developing a skilled workforce. These programs
 not only enhance the employability of individuals but also enable them to pursue better career opportunities. This, in turn, leads to a more
 productive workforce and contributes to the overall economic growth of Punjab.
- Economic Growth: The creation of employment opportunities and support for self-employment initiatives contribute significantly to the economic growth of Punjab. Increased employment leads to higher income levels, which in turn boosts consumption and investment in the state. This creates a positive cycle of economic growth and development.
- 4. Social Welfare: The initiatives of the PGRKAM Society have a positive impact on social welfare by reducing poverty and improving the standard of living. By providing individuals with stable and sustainable employment, the society helps in uplifting marginalized communities and improving their socio-economic status. This leads to a more inclusive and equitable society.

Overall, the initiatives of the Punjab Ghar Ghar Rojgar department have had far-reaching benefits for the society, ranging from reduced unemployment and improved skill development to economic growth and enhanced social welfare.

4. The Challenges faced by PGRKAM

- Data Management: One of the key challenges faced by the PGRKAM Society is the effective management of data related to unemployment and employment generation. Ensuring the accuracy and accessibility of this data is crucial for designing and implementing effective employment generation programs.
- 2. Public-Private Partnerships: Establishing and maintaining successful public-private partnerships can be challenging. Collaboration with the private sector is essential for creating job opportunities, but differences in objectives and approaches can hinder effective partnership building.
- 3. Skill Mismatch: Addressing the skill mismatch between the demand and supply of skills in the job market is a significant challenge. The society needs to ensure that the training programs offered align with the skills required by employers to maximize the chances of employment.
- 4. Socio-Economic Factors: Factors such as poverty, lack of education, and social inequality can hinder the society's efforts to create employment opportunities. Addressing these socio-economic challenges is crucial for achieving sustainable employment generation.

5. Generative AI and AR in Website Design

5.1 Impact on User Experience and Engagement

The fusion of Generative AI with AR in website design significantly enhances user experience and engagement. Generative AI's ability to create personalized content and AR's immersive capabilities work together to captivate users, providing a more interactive and engaging online environment. This combination leads to increased user satisfaction and loyalty, as they enjoy a more intuitive and responsive interface that caters to their individual preferences.

5.2 Personalization and Interactive Features

Personalization is at the heart of combining Generative AI with AR, allowing for a tailored user experience. Generative AI can analyze user data to create customized content, while AR adds an interactive layer, making the experience more engaging. For instance, an AR app can change its appearance based on user preferences, or provide personalized recommendations and scenarios, enhancing the overall user interaction.

5.3 Design Considerations and Best Practices

When designing websites that incorporate Generative AI and AR, several best practices should be considered:

- 1. User-Centric Design: Focus on creating a seamless and intuitive user experience that prioritizes the needs and comfort of the user¹.
- 2. Privacy and Security: Ensure that user data is handled responsibly, with clear privacy policies and secure data practices¹.
- 3. Accessibility: Make sure that the website is accessible to all users, including those with disabilities.
- 4. Ethical Use: Be mindful of the ethical implications of AI and AR, avoiding biases and ensuring fairness in content generation.
- 5. Testing and Feedback: Continuously test the website with real users to gather feedback and make necessary improvements².

By adhering to these best practices, designers can create more effective, safe, and enjoyable websites that leverage the power of Generative AI and AR.

6. Business Implications of Generative AI and AR

6.1 ROI and Performance Metrics

The Return on Investment (ROI) for generative AI and AR projects can vary significantly based on the maturity of the organization's AI capabilities. More experienced companies report higher ROI, with leaders seeing an average of 4.3% ROI compared to 0.2% for beginners⁴. Performance metrics should focus on productivity improvements, revenue generation, and cost savings. It's essential to measure the effectiveness of generative AI and AR initiatives through key performance indicators (KPIs) that reflect their impact on business processes and outcomes¹².

6.2 Competitive Advantage and Market Trends

Generative AI and AR offer a competitive advantage by enabling businesses to innovate and deploy solutions at scale. Companies that leverage these technologies can differentiate themselves by creating unique customer experiences and improving operational efficiency⁶. The market trends indicate that businesses are increasingly adopting generative AI and AR to gain agility, reduce risks, and enhance value creation⁸. However, to maintain a competitive edge, companies must continuously innovate and adapt to the evolving landscape of generative AI and AR technologies⁷.

6.3 Future Projections for Businesses

The future projections for businesses using generative AI and AR are promising. By 2024, a significant portion of enterprise applications is expected to have embedded conversational AI, and by 2025, many enterprises will have implemented AI-augmented development and testing strategies¹¹. The generative AI market is projected to grow substantially, with a compound annual growth rate (CAGR) of 35.6% from 2023 to 2030¹⁴. This growth is driven by the increasing demand for AI-powered solutions that can automate design efforts and enhance knowledge work across various industries.

Businesses that strategically invest in generative AI and AR are poised to reap substantial benefits, including improved customer engagement, operational efficiencies, and a stronger position in the competitive landscape. As these technologies continue to evolve, they will likely become integral to the digital transformation strategies of forward-thinking organizations.



7. Ethical Considerations and Challenges in AI

The rapid advancement of artificial intelligence (AI) brings with it a host of ethical considerations and challenges that must be addressed to ensure the technology benefits society as a whole.

7.1 Data Privacy and Security

Data privacy and security are paramount in AI systems, which often process vast amounts of personal information. Ensuring the confidentiality and integrity of this data is crucial to protect individuals from breaches that could lead to identity theft or other forms of harm¹⁴. Privacy-preserving techniques like differential privacy and federated learning are essential in maintaining data security within AI systems.

7.2 Bias and Fairness in AI-generated Content

AI systems can inadvertently perpetuate existing societal biases, leading to unfair outcomes. This is particularly concerning when AI is used in critical areas such as recruitment, law enforcement, and loan approvals. Addressing bias in training data and algorithms is vital to ensure fairness and prevent discrimination¹. Efforts to create more inclusive datasets and develop algorithms that can detect and correct biases are ongoing challenges in the field³.

7.3 Regulatory Landscape

The regulatory landscape for AI is still in its infancy, with jurisdictions around the world grappling with how best to govern these technologies. The European Union's proposed Artificial Intelligence Act and the United States' Algorithmic Accountability Act are examples of legislative efforts to establish frameworks for the ethical use of AI. These regulations aim to ensure transparency, accountability, and the protection of human rights in the deployment of AI systems.

As AI continues to evolve, it is imperative that ethical considerations keep pace with technological developments. This involves a collaborative effort among policymakers, technologists, and civil society to create standards and practices that uphold the principles of privacy, fairness, and accountability.

8. Case Study: Generative AI and AR in Action

In the realm of retail, the integration of Generative AI and Augmented Reality (AR) has been exemplified by the case of a leading home furnishings company. This company implemented an AR app that allows customers to visualize furniture in their homes before making a purchase. The app uses generative AI to recommend products based on the customer's style preferences and room dimensions, creating a personalized shopping experience.

8.1 In-Depth Analysis of a Successful Implementation

The AR app was developed with a user-centric approach, focusing on ease of use and realistic visualizations. Generative AI algorithms were trained on a vast dataset of product images, customer interactions, and style trends. The app's AR technology enabled customers to place virtual furniture in their space, adjusting for lighting and perspective to provide a lifelike preview.

The implementation was a success, leading to a significant increase in customer engagement and a decrease in product returns. The app's intuitive design allowed for quick adoption, and the personalized recommendations made by the generative AI led to higher customer satisfaction and increased sales.

8.2 Lessons Learned and Key Takeaways

One of the key lessons from this case study is the importance of data quality and diversity. The generative AI's performance was directly tied to the breadth and accuracy of the data it was trained on. Ensuring a diverse dataset helped the AI provide recommendations that appealed to a wide range of customers.

Another takeaway is the value of user feedback. Continuous collection and analysis of user interactions with the app provided insights that were used to refine the AI algorithms and improve the AR visualizations.

Lastly, the case study highlighted the need for cross-functional collaboration. The successful implementation required close coordination between the tech team, product designers, and marketing professionals. This collaborative effort ensured that the app met technical standards, aligned with product offerings, and fulfilled marketing objectives.

In conclusion, the fusion of Generative AI and AR in this retail application not only enhanced the shopping experience but also provided valuable business insights. It stands as a testament to the potential of these technologies to revolutionize customer interaction and drive business growth.

9. Discussion

The integration of General AI (Gen AI) with Augmented Reality (AR) in eCommerce websites represents a significant advancement in the digital shopping experience. This discussion will interpret the findings from recent studies, explore the implications for industry and academia, and address the limitations of the current research.

9.1 Interpretation of Findings

The application of Gen AI in eCommerce has been found to enhance customer engagement and satisfaction by providing personalized shopping experiences.

The interpretation of findings in a study is a critical step that bridges the gap between data analysis and the understanding of what those data actually mean. It involves making sense of the results, often through comparison with prior research, theoretical expectations, or practical benchmarks. For instance, if a study finds a significant increase in user engagement after implementing a new software feature, the interpretation might consider theories of user behavior to explain why this feature was particularly effective.

When combined with AR, these technologies allow for a more immersive and interactive user experience. For example, customers can visualize products in their own space or try on clothing virtually, which has been shown to increase conversion rates and reduce return rates.

9.2 Implications for Industry

For the industry, the implications are vast. Retailers can leverage Gen AI to analyze customer data and predict purchasing behaviors, optimizing inventory and marketing strategies. AR can be used to create virtual showrooms and fitting rooms, offering customers a new way to shop that bridges the gap between online and in-store experiences. This integration can lead to increased sales, customer loyalty, and a competitive edge in the market.

9.3 Implications for Academia

Academically, the fusion of Gen AI and AR in eCommerce provides a rich area for research. It challenges existing theories of consumer behavior and offers opportunities to study the impact of technology on shopping habits.

Implications for industry and academia stem from how the findings can be applied in real-world settings or contribute to existing knowledge. In the context of industry, this might involve using the study's results to improve business practices, develop new products, or enhance customer satisfaction. For academia, the implications often relate to filling gaps in literature, providing a foundation for future research, or challenging existing theories. Continuing with the previous example, the industry might use the study to guide the development of future software features, while academia might explore further the psychological factors that influence user engagement.

Researchers can investigate how these technologies affect decision-making processes and the overall customer journey. This research can contribute to the development of new models and frameworks for understanding digital consumer behavior.

9.4 Limitations of the Study

The current studies on Gen AI and AR in eCommerce are not without limitations. The limitations of the study are just as important as the findings themselves. They provide context for the results and help others gauge the reliability and applicability of the research. Common limitations include sample

size, methodology constraints, and the generalizability of the findings. For instance, if the study on software features was conducted with a small user group, it might not be representative of the broader population. Acknowledging such limitations is crucial for transparency and for guiding future research efforts.

Many studies have small sample sizes or short-term data, which may not provide a complete picture of the long-term effects of these technologies. Additionally, there is a lack of standardization in measuring the success of Gen AI and AR applications, making it difficult to compare results across different studies. Ethical considerations, such as data privacy and the potential for technology to manipulate consumer choices, also need to be addressed in future research.

In conclusion, the combination of Gen AI and AR in eCommerce websites has the potential to revolutionize the retail industry. The discussion section of a research paper is where the results are brought to life. Through careful interpretation, researchers can tell a story about their data, weaving in theoretical and practical threads. The implications extend this narrative to the broader contexts of industry and academia, showing how the research can have a tangible impact. Finally, an honest appraisal of the study's limitations ensures that the research is understood within the appropriate scope, setting the stage for further inquiry and advancement. This holistic approach to discussing research findings ensures that the knowledge generated is robust, relevant, and ready to contribute to the ongoing dialogue in both industry and academia.

While the current findings are promising, there is a need for further research to fully understand the long-term implications and address the limitations of current studies. As this technology continues to evolve, it will be important for both industry and academia to collaborate in exploring its full potential and ensuring its ethical application.

Conclusion:

The Punjab Ghar Ghar Rojgar department plays a crucial role in addressing unemployment in Punjab through various initiatives such as job provision, skill training, and counseling. This research paper has highlighted key aspects of the department, including its objectives, projects, challenges, and technological innovations. The findings suggest that the department's efforts have had a positive impact on employment generation and skill development in Punjab. However, there are challenges that need to be addressed, such as data management, public-private partnerships, and skill mismatch.

Implications for employment generation policies in Punjab:

The research underscores the importance of continuous support and funding for the Punjab Ghar Ghar Rojgar department to sustain its efforts in employment generation.

Policy-makers can use the findings to enhance existing programs and develop new strategies to tackle unemployment effectively.

The research also highlights the importance of public-private partnerships in driving employment generation initiatives and suggests avenues for collaboration.

Recommendations for future research and policy implementation:

Further research is needed to address the challenges faced by the Punjab Ghar Ghar Rojgar department, such as data management and skill mismatch.

Policy-makers should consider investing in technological innovations such as AI and AR to enhance employment opportunities in Punjab.

Collaboration between the government, private sector, and other stakeholders is essential for the successful implementation of employment generation policies.

Overall, the research suggests that the Punjab Ghar Ghar Rojgar department has been instrumental in improving employment prospects in Punjab. By addressing key challenges and leveraging technological innovations, the department can further enhance its impact on employment generation in the state.

References and notes

- 1. Punjab Ghar Ghar Rojgar department website. Available at: PGRKAM
- 2. Annual Report of the Punjab Ghar Ghar Rojgar department
- 3. Government of Punjab. Punjab State Employment Plan.
- 4. Sharma, A. (Year). Impact of Skill Training Programs on Employment Generation in Punjab. Journal of Employment Studies, 10(2), 123-135.
- Singh, R. (Year). Role of Technology in Enhancing Employment Opportunities: A Case Study of Punjab. International Journal of Technology and Employment, 5(1), 45-56.
- 6. Economic Survey of Punjab. Department of Economics and Statistics, Government of Punjab.
- 7. (6) What Is Generative AI? Definition, Applications, and Impact. https://www.coursera.org/articles/what-is-generative-ai.

- (6) Augmented Reality in Retail: Use Cases & Business Benefits. https://www.fingent.com/blog/augmented-reality-in-retail-reimagining-thefuture-of-shopping/.
- 9. (7) How AR is improving online shopping experience in retail ... YourStory. https://yourstory.com/2021/07/ar-improving-online-shopping-experience-ecommerce-retail.
- 10. (8) How does Augmented Reality Impact Online Shopping? Fittingbox. https://www.fittingbox.com/en/resources/blog/the-impact-of-augmented-reality-on-online-shopping.
- 11. (9) Augmented Reality in eCommerce: Benefits, Examples, Use Cases. https://genovawebart.com/blog/augmented-reality-in-ecommerce.
- 12. (10) Understanding the Factors Behind How AR Influences Online Shopping. https://ikarus3d.com/media/3d-blog/understanding-the-factorsbehind-how-ar-influences-online-shopping/.
- 13. (11) Basics of Augmented Reality GeeksforGeeks. https://www.geeksforgeeks.org/basics-augmented-reality/.
- 14. (16) 3 Examples of Web AR in Action AR Insider. https://arinsider.co/2022/05/03/3-examples-of-web-ar-in-action/.
- 15. (1) The transformative impact of generative AI on User Experience (UX) and https://bootcamp.uxdesign.cc/the-transformative-impact-of-generative-ai-on-user-experience-ux-and-the-future-of-ux-3f083527113.
- 16. Role of Technology in Enhancing Employment Opportunities: A Case Study of Punjab. International Journal of Technology and Employment, 5(1), 45-56.